

WHAT IS CLAIMED IS:

- 1           1.       A computer implemented method for checking text in an electronic  
2 document, comprising:  
3           scanning and parsing words in the text;  
4           for each set of one or more scanned and parsed words, determining whether one or  
5 more words form a contact phrase providing information to identify or address a person  
6 or entity; and  
7           after scanning one contact phrase, performing:  
8               (i) accessing contact information including contact phrases; and  
9               (ii) searching the contact information to determine if the scanned contact  
10 phrase matches contact phrases in the searched contact information.
- 1           2.       The method of claim 1, wherein contact phrases comprise one of a name,  
2 phone number, street address, e-mail address, and URL.
- 1           3.       The method of claim 1, further comprising:  
2           determining one or more contact phrases in the contact information that are  
3 similar to the scanned contact phrase if the scanned contact phrase does not match one  
4 contact phrase in the contact information; and  
5           displaying the determined similar contact phrases, wherein the user is capable of  
6 selecting one displayed similar contact phrase to substitute for the scanned contact phrase.
- 1           4.       The method of claim 1, further comprising:  
2           displaying a graphical box for one scanned contact phrase that does not match  
3 contact phrases in the contact information, wherein the user is capable of using the  
4 displayed graphical box to accept the scanned contact phrase or select another contact  
5 phrase to substitute for the scanned contact phrase.

1           8.       The method of claim 1, wherein the scanned contact phrase comprises a  
2 name or contact address, further comprising:  
3           submitting a search request over the Internet to an Internet directory for the  
4 scanned contact phrase; and  
5           receiving information indicating that there is no match for the scanned contact  
6 phrase in the Internet directory or that there is a match.

1 ~~12.~~ A method for checking contact phrases providing information to identify  
2 or address a person or entity in a contact record in a computer readable address book,  
3 comprising:  
4       accessing one contact phrase in one of the contact records in the address book;  
5       submitting a search request to a computer readable directory over a network,  
6 wherein the directory provides searchable contact information including contact phrases  
7 on persons or entities, wherein the search request determines whether the accessed  
8 contact phrase from one contact record matches one contact phrase in the directory;  
9       receiving search result information from the directory; and  
10       providing the capability to use the received search result information to update  
11 one or more contact phrases in one contact record of the address book.

1 15. A system for checking text in an electronic document, comprising:  
2 a computer;  
3 a computer readable medium including a computer program, wherein the  
4 computer program causes the computer to perform:  
5 (i) scanning and parsing words in the text;  
6 (ii) for each set of one or more scanned and parsed words, determining  
7 whether one or more words form a contact phrase providing information to  
8 identify or address a person or entity; and  
9 (iii) after scanning one contact phrase, performing:  
10 (a) accessing contact information including contact phrases; and

[illegible]

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1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

1           17.     The system of claim 15, further comprising:  
2           a display monitor;  
3           wherein the computer program further causes the computer to perform:  
4                 (i) determining one or more contact phrases in the contact information that  
5                 are similar to the scanned contact phrase if the scanned contact phrase does not  
6                 match one contact phrase in the contact information; and  
7                 (ii) displaying the determined similar contact phrases on the display  
8                 monitor, wherein the user is capable of selecting one displayed similar contact  
9                 phrase to substitute for the scanned contact phrase.

1            19.    The system of claim 18, wherein the computer program further causes the  
2 computer to perform:

1           22.     The system of claim 15, wherein the scanned contact phrase comprises a  
2     name or contact address, and wherein the computer program further causes the computer  
3     to perform:  
4             submitting a search request over the Internet to an Internet directory for the  
5     scanned contact phrase; and  
6             receiving information indicating that there is no match for the scanned contact  
7     phrase in the Internet directory or that there is a match.

1           23.    The system of claim 15, wherein the computer program is further capable  
2 of causing the computer to perform:  
3           adding the scanned contact phrase to the contact information if the scanned  
4 contact phrase does not match one contact phrase in the contact information.

1           24.    The system of claim 15, wherein the computer program is further capable  
2 of causing the computer to perform:  
3           buffering contact phrases of a same type of contact information;  
4           determining whether the buffered contact phrases of the same type use consistent  
5 syntax; and  
6           notifying a user of inconsistencies in the syntax for the buffered contact phrases.

1           25.    The system of claim 15, wherein the scanned contact phrases include at  
2 least one URL address, and wherein the computer program is further capable of causing  
3 the computer to perform:  
4           determining whether each scanned URL contact phrase uses a correct URL  
5 syntax; and  
6           notifying the user of incorrect syntax for at least one of the scanned URL contact  
7 phrases.

1           ~~26.~~    A system for checking contact phrases providing information to identify or  
2 address a person or entity in a contact record in a computer readable address book,  
3 comprising:  
4           a computer;  
5           a computer readable medium including the address book and a computer program,  
6 wherein the computer program causes the computer to perform:  
7           (i) accessing one contact phrase in one of the contact records in the address  
8 book;

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

1           28.     The system of claim 26, wherein the accessed contact phrase submitted  
2     with the search request comprises one contact address from the contact record, wherein  
3     the received search results includes one contact name, wherein the computer program is  
4     further capable of causing the computer to perform:  
5           determining whether the returned contact name matches a name contact phrase in  
6     the contact record including the accessed contact address; and  
7           providing information indicating that the contact address in the contact record  
8     does not match the returned contact address from the directory.



1        ~~29.~~     A program for checking text in an electronic document, wherein the  
2     program is implemented in a computer readable medium capable of causing a computer  
3     to perform:  
4        scanning and parsing words in the text;  
5        for each set of one or more scanned and parsed words, determining whether one or  
6     more words form a contact phrase providing information to identify or address a person  
7     or entity; and  
8        after scanning one contact phrase, performing:  
9                (i) accessing contact information including contact phrases; and  
10                (ii) searching the contact information to determine if the scanned contact  
11     phrase matches contact phrases in the searched contact information.

1        30.     The program of claim 29, wherein contact phrases comprise one of a  
2     name, phone number, street address, e-mail address, and URL.

1        31.     The program of claim 29, wherein the program is further capable of  
2     causing the computer to perform:  
3        determining one or more contact phrases in the contact information that are  
4     similar to the scanned contact phrase if the scanned contact phrase does not match one  
5     contact phrase in the contact information; and  
6        displaying the determined similar contact phrases, wherein the user is capable of  
7     selecting one displayed similar contact phrase to substitute for the scanned contact phrase.

1        32.     The program of claim 29, wherein the program is further capable of  
2     causing the computer to perform:  
3        displaying a graphical box for one scanned contact phrase that does not match  
4     contact phrases in the contact information, wherein the user is capable of using the

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1           36.       The program of claim 29, wherein the scanned contact phrase comprises a  
2   name or contact address and wherein the program is further capable of causing the  
3   computer to perform:

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1     ~~40.~~     A program for checking contact phrases providing information to identify  
2     or address a person or entity in a contact record in a computer readable address book,

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1           42.     The program of claim 40, wherein the accessed contact phrase submitted  
2     with the search request comprises one contact address from the contact record, wherein  
3     the received search results includes one contact name, and wherein the program is further  
4     capable of causing the computer to perform:  
5           determining whether the returned contact name matches a name contact phrase in  
6     the contact record including the accessed contact address; and  
7           providing information indicating that the contact address in the contact record  
8     does not match the returned contact address from the directory.